



# Cosy Wrap

Fair Dinkum **COSY WRAP** is a blend of liquid seaweed made from *Durvillaea patersonii* (Australian Bull Kelp) and potassium compounds. It is primarily designed to give increased frost tolerance to grape vines, stone fruits, apple trees and the like.

Both liquid seaweed and potassium compounds increase frost tolerance in stone fruits, apples and grapes. The mechanism for increased frost tolerance is not fully understood by scientists, but the plant growth regulators in the seaweed are believed to play a major role in the extra protection given.

The combination of seaweed plus potassium in Fair Dinkum Fertilizers **COSY WRAP** gives an additional 2-3°C of frost tolerance 36 hours or so after application for about 12 days, under typical conditions in the frost danger period.

The frost danger period is in spring after there has been a warm spell which has reduced the hardiness of the plants and continues until the last frost risk has passed.

In Victoria it is usually between early September to mid October, whilst in Tasmania it's from mid September through to late October. These late frosts in October significantly reduce yields particularly in that of cherries and colder climate grapes.

In order to obtain frost tolerance, it is necessary to apply **COSY WRAP** every 10-12 days about 2.5-3 L/ha for grapes, and up to 5 L/ha for large trees.

The spraying of **COSY WRAP** should be combined with other frost reduction methods such as movement of air around the trees or fine water sprays where possible.

It is important to avoid using any fertilizer containing nitrogen during the frost danger period as this will reduce the effectiveness of **COSY WRAP**. It is possible to add additional potassium compounds to **COSY WRAP**. If this is done, care should be taken not to overdose the vine or tree with potassium.

Excess potassium moves away from the foliage relatively quickly and can be a problem if applied too late in the season, as fermentation in grapes will be heavily reduced and problematic.

COSY WRAP	
Potassium (K)	4.0%
Sulphur (S)	0.9%
Total Solids	13.5%
Comments	Filtered to 100 microns

%W/V  
ppm

is grams per 100ml of product  
is parts per million on weight basis



*get fair dinkum...grow naturally!*



## Fair Dinkum Fertilizers

manufacturers of quality seaweed products